



## **FACILITIES AUTOMATION TECHNICIAN**

### **Purpose:**

To actively support and uphold the City's stated mission and values. To develop and maintain computerized, microprocessor, electronic, and pneumatic based controls for City facilities; and to coordinate and administer the installation, training and operation for all automated building and energy management systems.

### **Supervision Received and Exercised:**

Receives general supervision from the Assistant Field Services Superintendent - Facilities Management, or from other supervisory or management staff.

Exercises functional and technical supervision over other facility maintenance staff.

### **Examples of Duties:**

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.

Duties may include, but are not limited to, the following:

- Plan, recommend, design and implement solutions to building problems using automation technology; develop and implement standards and specifications for the construction, operation and maintenance of automated building systems.
- Coordinate programs and monitor the operation of automated building systems such as Energy Management Systems, HVAC controllers, card and keypad access controls, lighting controllers, burglar alarms and fire alarms; diagnose and repair malfunctioning automated building systems; evaluate current programs and recommends modifications for improvement of HVAC; review plans and provide suggestions and feedback to design engineers during the design phase of projects.
- Train and assist others in the operation and repair of automated building systems; coordinate the use of office information system resources, networks and communication systems resources and networks with automated building systems.

## CITY OF TEMPE

### Facilities Automation Technician (continued)

- Plan, develop, implement and maintain computerized databases; implement upgrades to automated building systems; provide technical direction and support to the Engineering Section involving the management of construction projects containing automated building systems.
- Evaluate the effectiveness of current energy management strategies and building automation controls.
- Participate in the evaluation and selection of new and replacement hardware and software for automated building systems.

### **Experience and Training Guidelines:**

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. The hiring department may include job related experience, training or license and certification preferences at the time of recruitment. A typical way to obtain the knowledge and abilities would be:

#### **Experience:**

Three years of work experience as a skilled electrician in HVAC operations and maintenance, including two years maintaining a computer based HVAC system and an energy management program. Knowledge of and experience with building automation controls similar to or the same as those currently in use within the City of Tempe is preferred.

#### **Training:**

Formal specialized training equivalent to a two year college program or specialized training in DDC (Direct Digital Control) controls, electronics and/or energy management.

**This position is included in the City's classified service, pursuant to City of Tempe Personnel Rules and Regulations, Rule 1, Section 103.**

**Job Code: 8403**

**Salary Range: 29**

**FLSA: Non-Exempt**